EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	318	(706/16).CCLS.	USPAT; USOCR	OR	OFF	2007/09/30 22:35

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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3828	support vector machine or svm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/30 21:24
L2	0	support vector near5 linear independen$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/30 21:25
L3	29	support vector near5 independen$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/30 21:26
L4	6885	training (set or vector)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/30 21:26
L5	3	3 with 4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/30 21:28
L6	1	("5649068").PN.	USPAT; USOCR	OR	OFF	2007/09/30 21:29

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datasets, based on principles of clustering and **vector** quanti-. zation. We develop an
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R: **Cluster** validation statistics
diameter, **vector** of **cluster** diameters (maximum within **cluster distances**).
average.distance, **vector** of clusterwise within **cluster** average distances. ...
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use the moving **cluster** method to estimate the **distance** to the 2M1207 ...
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and a given **cluster** M*, k = 1, . . . , K. (For example, ...
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reliable **distance**. measure between two convex clusters using Support **Vector**. Machines
(SVM). ... **distance** measure for the input pattern and each **cluster**. In ...
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[PS] **Support Vector Machines** for 3-D Object Recognition
File Format: Adobe PostScript - View as Text
Support Vector Machines (SVMs) have been recently proposed as a new .... The quantity
2=w, the lower bound of the **minimum distance between** points ...
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[PS] Properties of **Support Vector Machines** Massimiliano Pontil and ...
File Format: Adobe PostScript - View as Text
Support Vector Machines (SVMs) perform pattern recognition **between** two point ...
hyperplane, and all the **support vectors** lie at the same **minimum distance** ...
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Ultrasound in Medicine & Biology : Development of a **support** vector ...
is the number of **support vectors**, x is the input pattern vector, ... (ii) the **distance**
between the two hyperplanes (which is equal to 2/ double vertical ...
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[PPT] **Support Vector Machines**: A Geometric View Point
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The training **vectors** belong now to one of the following categories: ... **Minimum Distance**
Point **between** RCHs. Minimize: s.t.: , , ...
www.ait.edu.gr/seminars/SVM-Talk.ppt - Similar pages

[PDF] A convex cluster merging algorithm using **support vector machines** ...
obtained using the **minimum distance between** the vertices. of. two convex clusters. .....
Support Vector Machines, Cambridge University Press, ...
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Support vector machines
Support vector machines elegantly sidestep both difficulties [Vapnik, 1998]. ... the
hyperplane that maximixes the **minimum distance** from the hyperplane to ...
www.soe.ucsc.edu/research/compbio/genex/genexTR2html/node3.html - 12k -
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[PS] Active **Support** Vector Machine Classification
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Maximize the margin (**distance**) **between** the parallel separating planes with ..... A tutorial
on **support vector machines** for pattern recognition. ...
ftp://ftp.cs.wisc.edu/pub/dmi/tech-reports/00-04.ps - Similar pages

Andrew D. Back - Research on Neural Networks, Independent ...
The basic idea of **support vector machines** (SVMs) is The **support** vector ...)/least [2 This
implies that the **minimum distance between** two classes i and j is ...
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[PDF] Integrating **Support Vector Machines** in a Hierarchical Output Space ...
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The **Support** Vector Machine projects the input **vectors** into. a high dimensional feature
space, ... Defining the **minimum distance between** two class groups in ...

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Pattern recognition system using **support vectors** - Patent 5649068
The number m of **linearly independent** supporting patterns satisfies the inequality: ..... of
the components of these **vectors is minimized** for maximum margin. ...
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characterized by a xed **set of support vectors**. Notice that the rightmost ..... For innite
kernels, the margin **vectors** are still **linearly independent** but ...
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[PS] Properties of **Support Vector Machines** 1 Introduction
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optimize the performance on the **training set** {, SVMs **minimize** the ...... We have shown
that the margin **vectors** are always **linearly independent** and that ...
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Method and apparatus for improving the efficiency of **support** ...
During the **training** phase, the **set of support vectors** is generated for use in ..... PHI. can
map **linearly** dependent **vectors** in L onto **linearly independent** ...
www.patentstorm.us/patents/6134344-description.html - 55k - <u>Cached</u> - <u>Similar pages</u>

[PDF] Properties of **Support Vector Machines** Massimiliano Pontil and ...
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characterized by a xed **set of support vectors**. Notice that the rightmost .... **linearly**
independent and that the decision surface can be written as the **sum** ...
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[PDF] Properties of **Support Vector Machines**
training set—SVMs **minimize** the structural risk—that is, the probability of ...... margin
vectors are always **linearly independent** and that the decision sur- ...
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[PDF] A Tutorial on **Support Vector Machines** for Pattern Recognition
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in L onto two **vectors** that are **linearly independent** in H. ...... with range {±1, 0}, and let Φ
be a **set** of **such** functions. Let each x have an **associated** ...
www.umiacs.umd.edu/~joseph/support-vector-machines4.pdf - Similar pages

Expert Systems with Applications : An application of one-class ...
and target labels yi **set** membership, variant {−1, +1}. **Support vector** machine (SVMs) ...
However, not all data sets are **linearly** separable and it is too ...
linkinghub.elsevier.com/retrieve/pii/S0957417406001655 - <u>Similar pages</u>

[PDF] Discrete **support vector** decision trees via tabu search
based on the new concept of discrete **support vector machines**. .... stances from the
training set, and then applied to predict the class of each validation ...
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Cluster Analysis

The cosine of the angle **between 2 vectors** is identical to their correlation ... AVERAGE
LINKAGE CLUSTERING: The **dissimilarity between clusters** is calculated ...
149.170.199.144/multivar/hc.htm - 37k - Cached - Similar pages

cMAP

These reference **vectors** are used in the similarity computations **between** the ... represent
the degree of **dissimilarity between** neighboring **clusters**. ...
www.canis.uiuc.edu/projects/interspace/technical/canis-report-0006.html - 11k -
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R: Agglomerative Nesting (Hierarchical Clustering)

Also a **vector** with length n*(n-1)/2 is allowed (where n is the number of ... we use the
smallest **dissimilarity between** a point in the first **cluster** and a ...
astrostatistics.psu.edu/datasets/2006tutorial/html/cluster/html/agnes.html - 9k -
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R: Partitioning Around Medoids (PAM) Object

If a **dissimilarity** matrix was given as input to pam , then a **vector** of ... **L-cluster** iff for
each observation i the maximal **dissimilarity between** i and any ...
astrostatistics.psu.edu/datasets/2006tutorial/html/cluster/html/pam.object.html - 5k -
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[PDF] Delta-MSE **dissimilarity** in GLA based **vector** quantization ...

vectors in sparse **clusters** are moved frequently by the. **dissimilarity** than those in dense
clusters. The Delta-MSE. **dissimilarity between** training **vector** x ...
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Method and system for performing a similarity search using a ...

In a preferred embodiment, the test is based on the angle **between** the **cluster** index
vector and the query **vector**. **Clusters** that are too dissimilar to the ...
www.freepatentsonline.com/20020184193.html - 34k - Cached - Similar pages

S-PLUS help

If a **dissimilarity** matrix was given as input to pam, then a **vector** of numbers ... the **cluster**
(minimal **dissimilarity between** an object of the **cluster** and an ...
www.uni-muenster.de/ZIV/Mitarbeiter/BennoSueselbeck/s-html/helpfiles/pam.object.html -
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[PPT] Clustering methods

File Format: Microsoft Powerpoint - View as HTML
Two profiles (**vectors**). and. +1 ☐ Pearson Correlation ☐ – 1 ... **Dissimilarity between** two
clusters = Minimum **dissimilarity between** the members of two ...
www.cs.brandeis.edu/~hong/CS230a/CourseInfo/IntroHierarchicalClustering.ppt -
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R: Hierarchical Clustering

labels, A character **vector** of labels for the leaves of the tree. ... NULL , then d is taken to be
a **dissimilarity** matrix **between clusters** instead of ...

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